FIG. 1

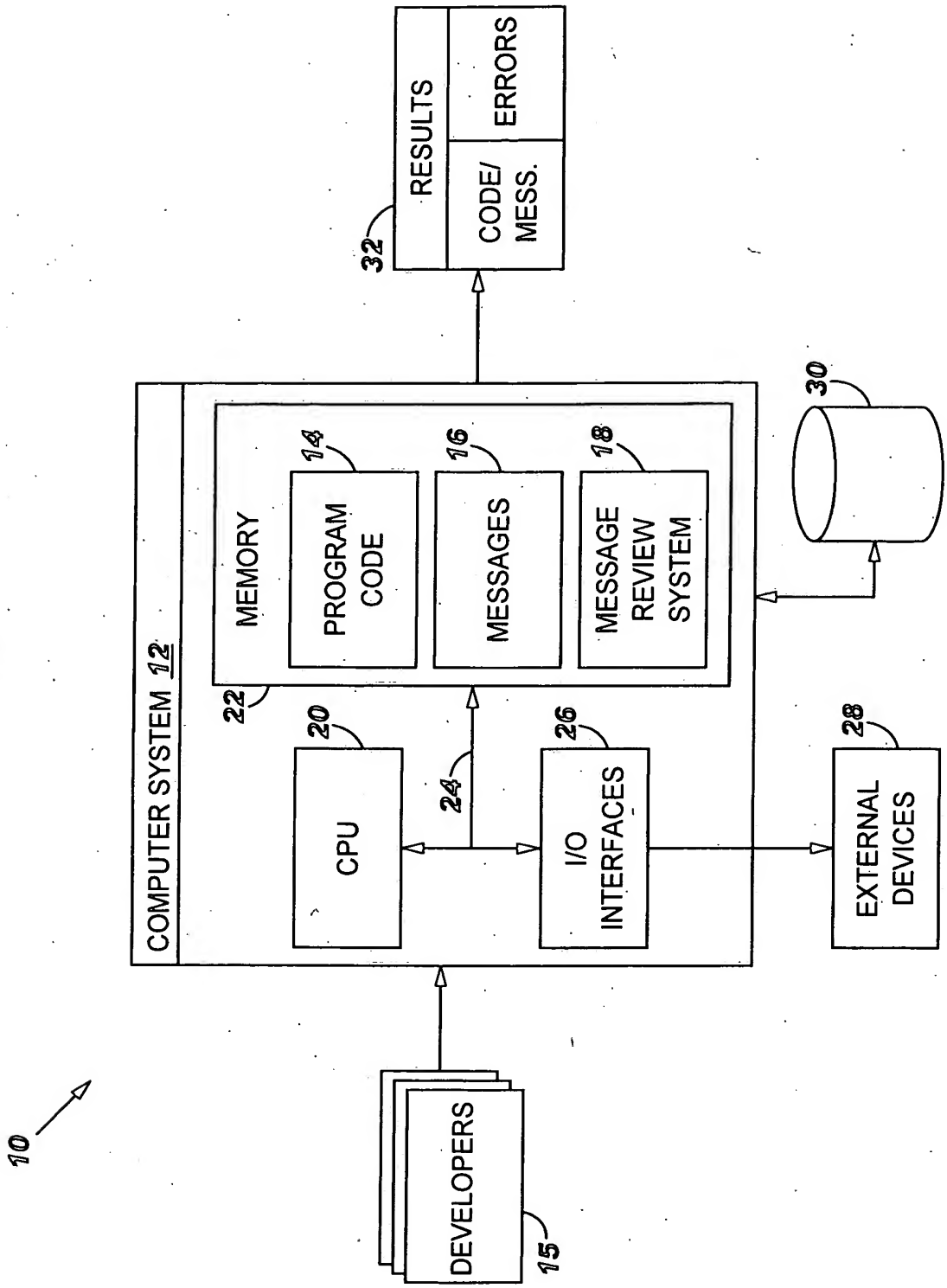
10
DEVELOPERS
15
COMPUTER SYSTEM 12
MEMORY
22
PROGRAM CODE
14
MESSAGES
16
MESSAGE REVIEW SYSTEM
18
CPU
20
24
I/O INTERFACES
26
EXTERNAL DEVICES
28
30
RESULTS
32
CODE/ MESS.
ERRORS

FIG. 2

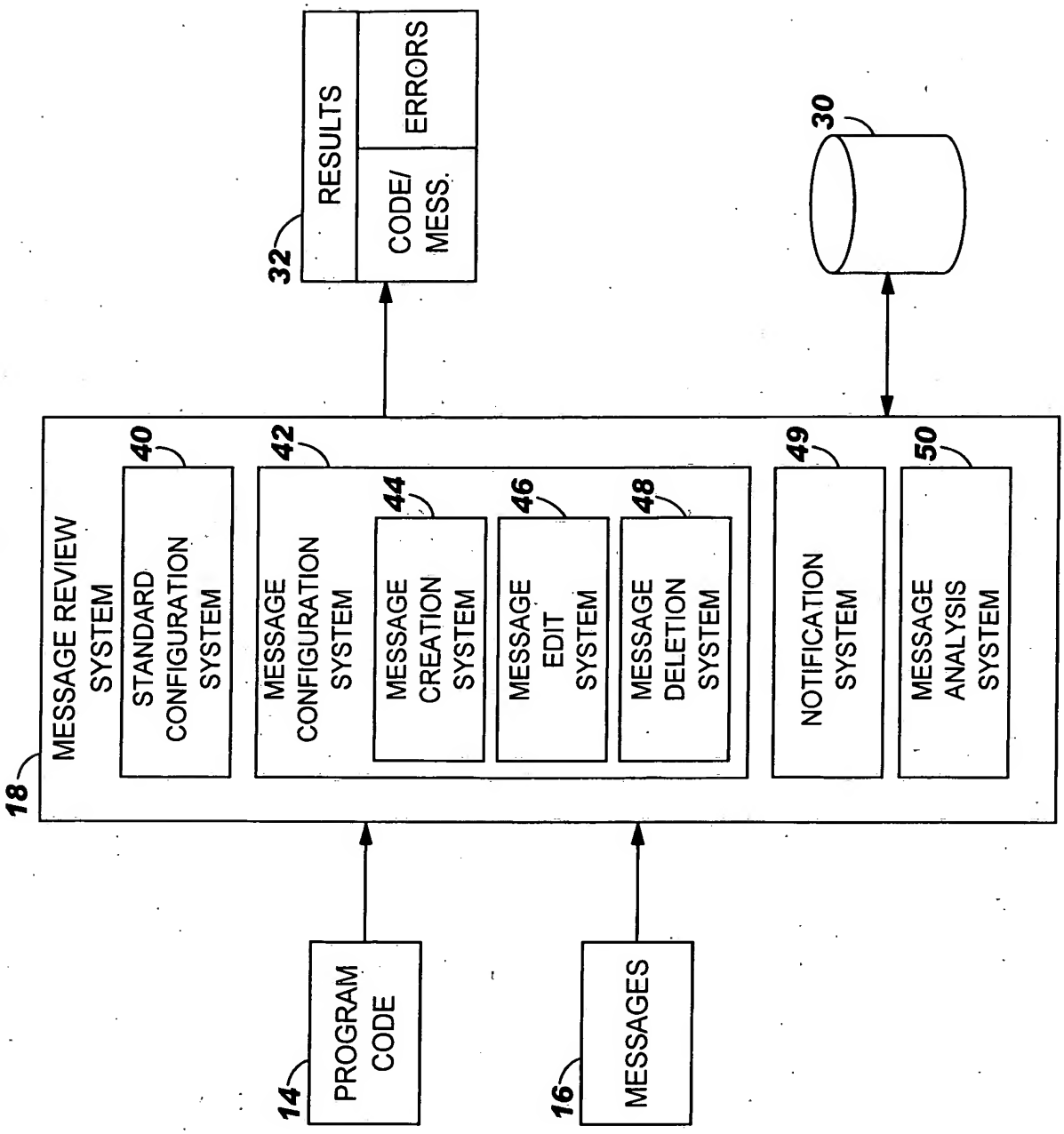
RESULTS
ERRORS
CODE/
MESS.
32
30
MESSAGE REVIEW
SYSTEM
18
STANDARD
CONFIGURATION
SYSTEM
40
MESSAGE
CONFIGURATION
SYSTEM
42
MESSAGE
CREATION
SYSTEM
44
MESSAGE
EDIT
SYSTEM
46
MESSAGE
DELETION
SYSTEM
48
NOTIFICATION
SYSTEM
49
MESSAGE
ANALYSIS
SYSTEM
50
PROGRAM
CODE
14
MESSAGES
16

FIG. 3A

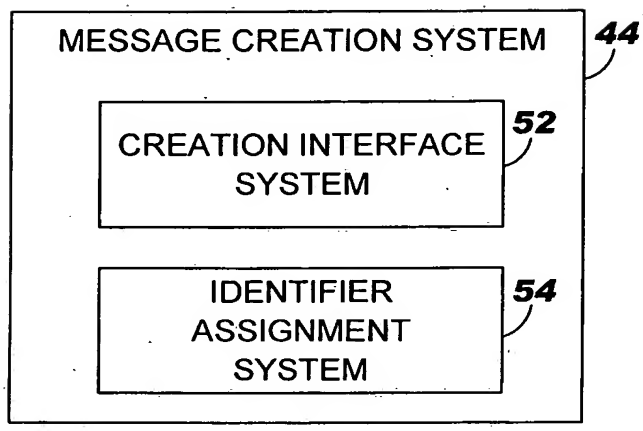
MESSAGE CREATION SYSTEM
44
CREATION INTERFACE SYSTEM
52
IDENTIFIER ASSIGNMENT SYSTEM
54

FIG. 3B

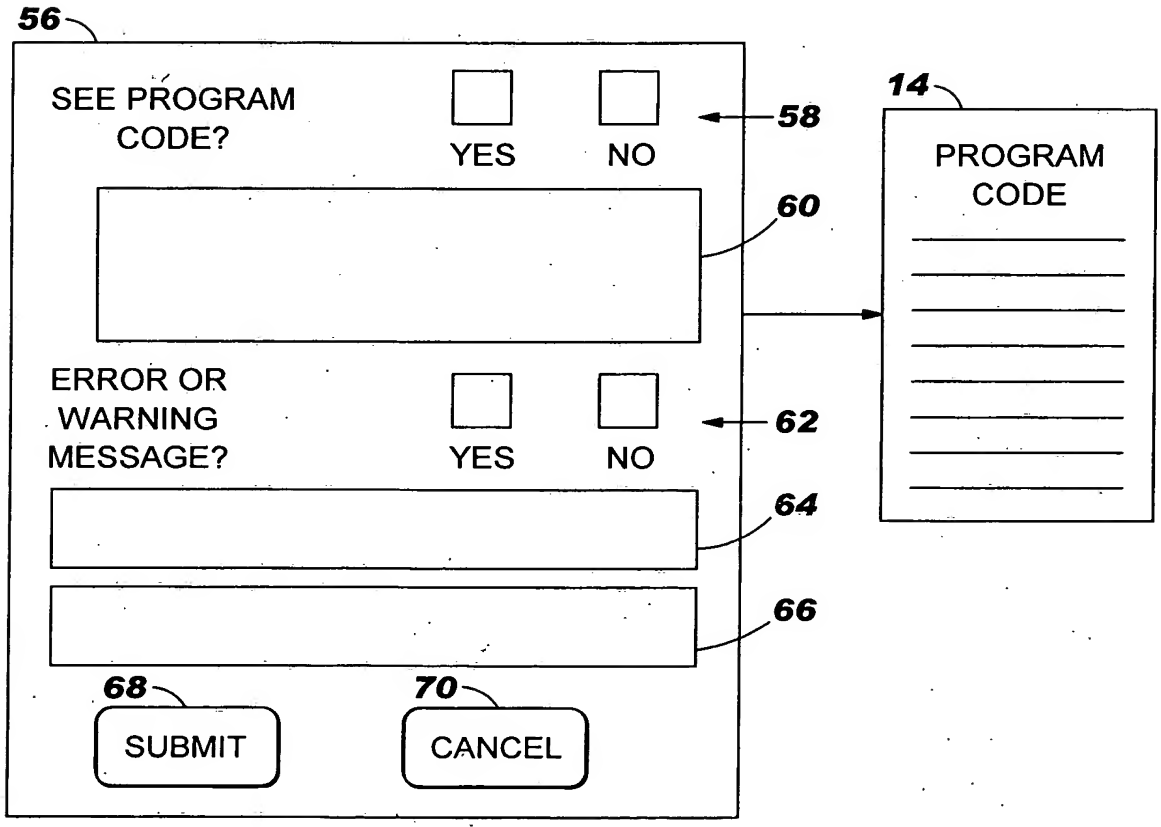
56
SEE PROGRAM CODE?
YES
NO
58
60
ERROR OR WARNING MESSAGE?
YES
NO
62
64
66
68
SUBMIT
70
CANCEL
14
PROGRAM CODE

FIG. 4A

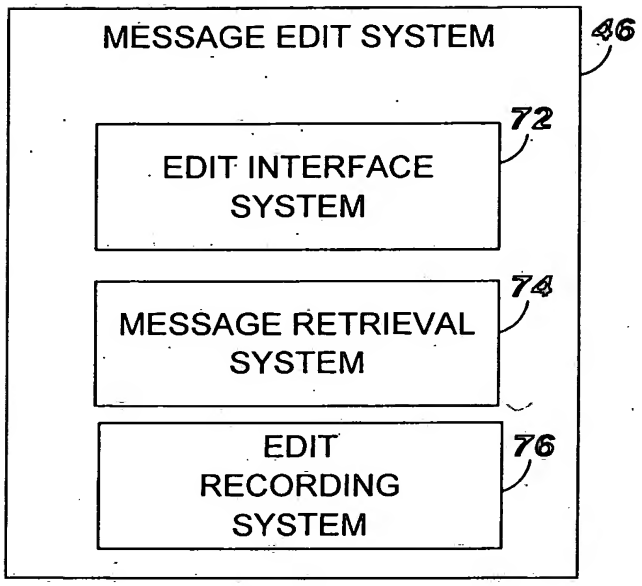
MESSAGE EDIT SYSTEM
46
EDIT INTERFACE SYSTEM
72
MESSAGE RETRIEVAL SYSTEM
74
EDIT RECORDING SYSTEM
76

FIG. 4B

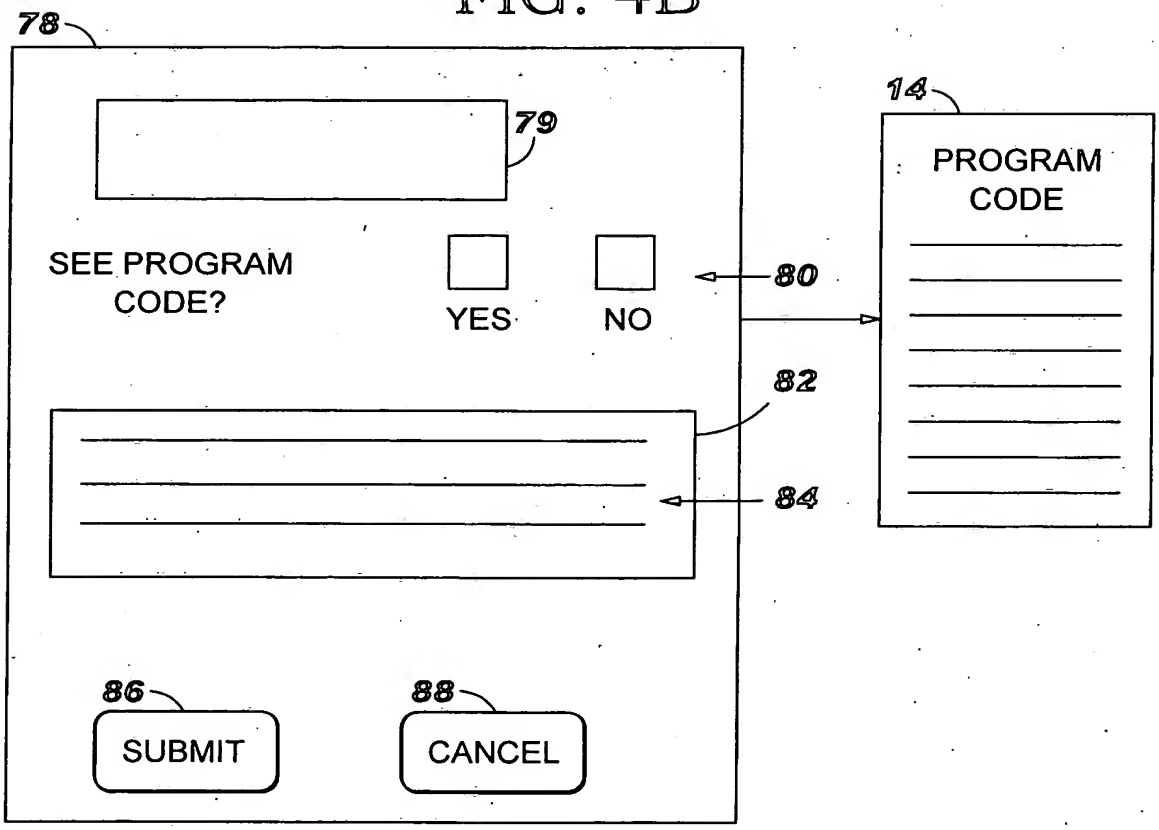
78
79
SEE PROGRAM CODE?
YES
NO
80
14
PROGRAM CODE
82
84
86
SUBMIT
88
CANCEL

FIG. 5A

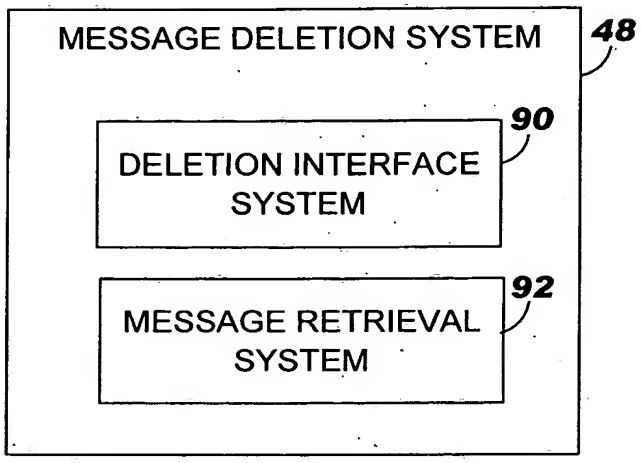
MESSAGE DELETION SYSTEM
48
DELETION INTERFACE SYSTEM
90
MESSAGE RETRIEVAL SYSTEM
92

FIG. 5B

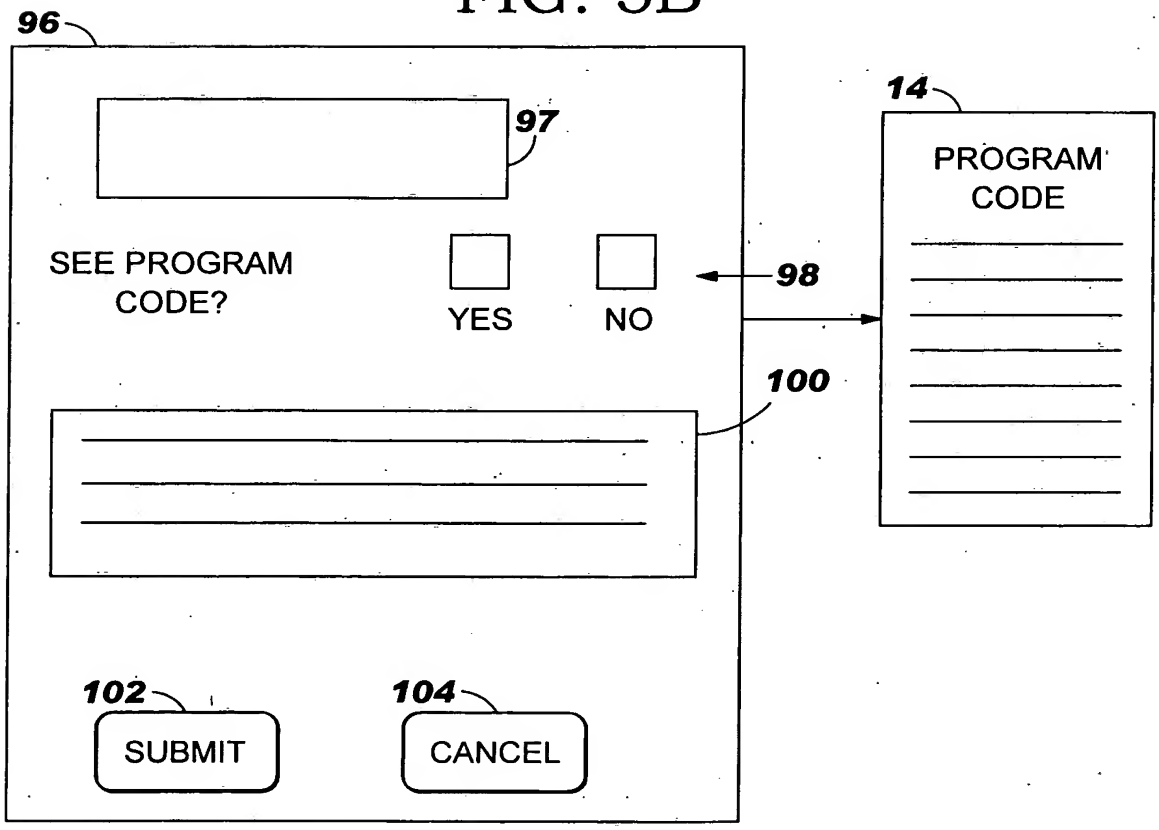
96
97
14
PROGRAM CODE
SEE PROGRAM CODE?
YES
NO
98
100
102
SUBMIT
104
CANCEL

FIG. 6

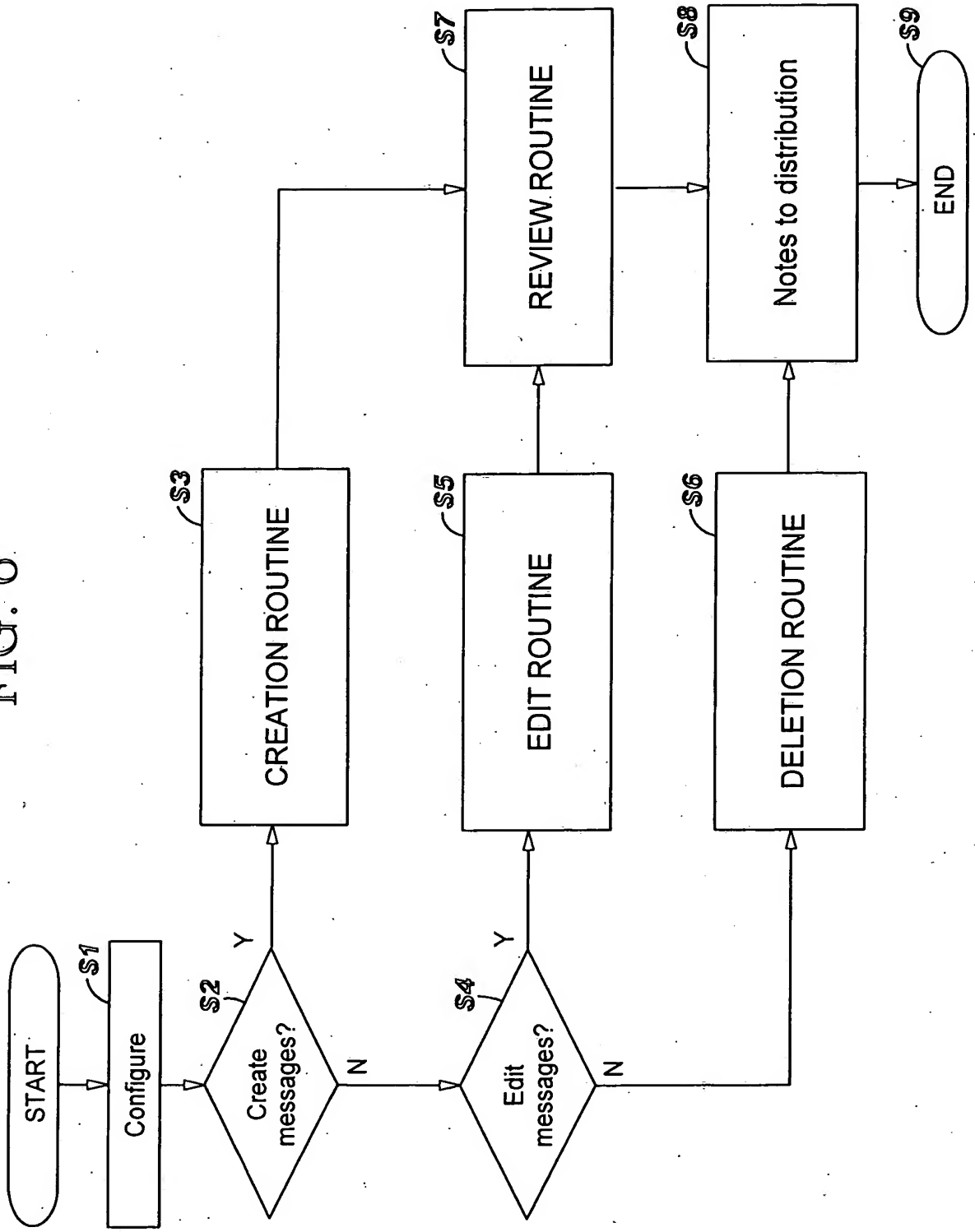
START
S1
Configure
S2
Create messages?
Y
N
S3
CREATION ROUTINE
S4
Edit messages?
Y
N
S5
EDIT ROUTINE
S6
DELETION ROUTINE
S7
REVIEW ROUTINE
S8
Notes to distribution
S9
END

FIG. 7

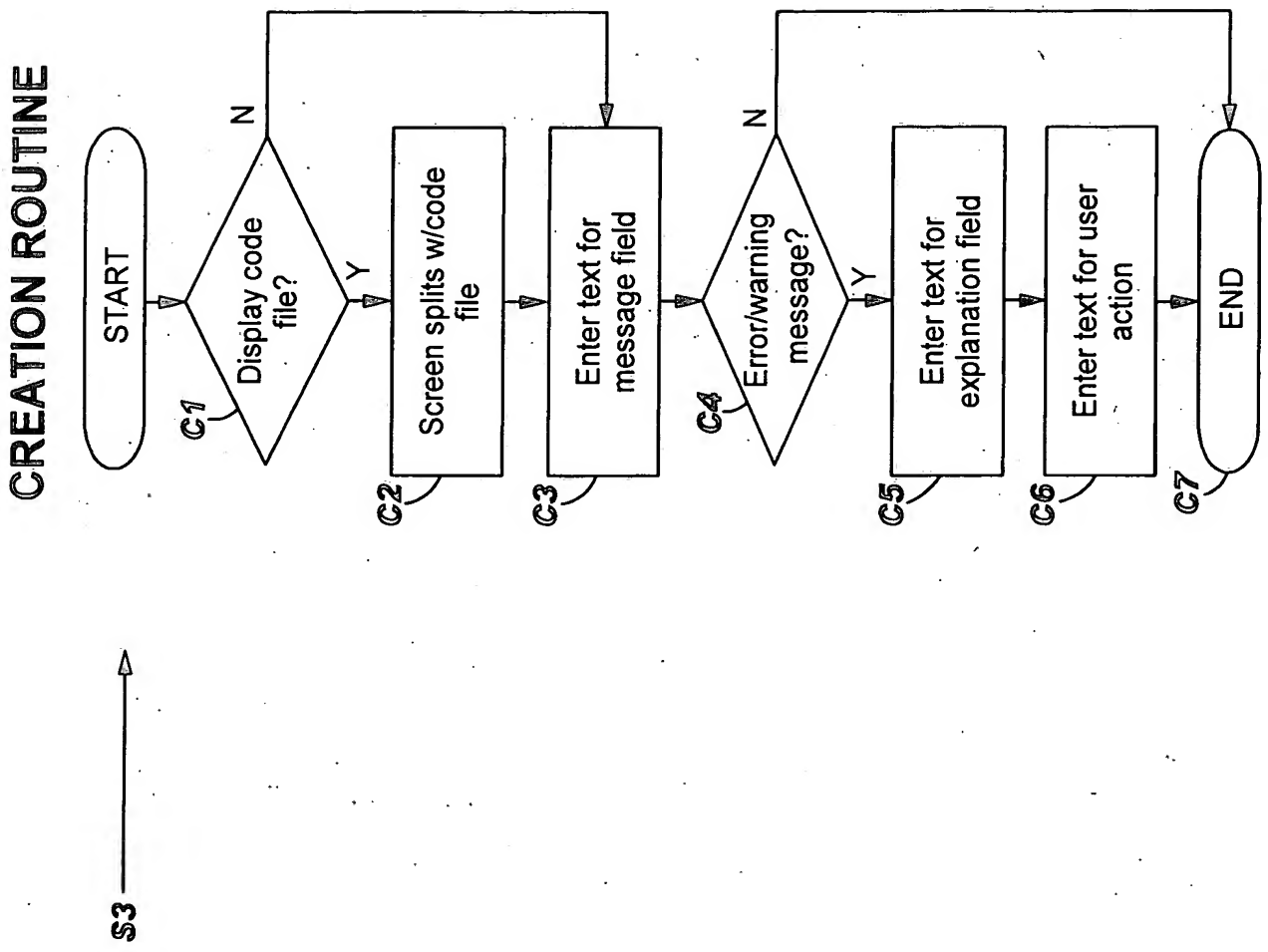
CREATION ROUTINE
START
Display code file?
N
Y
Screen splits w/code file
Enter text for message field
Error/warning message?
N
Y
Enter text for explanation field
Enter text for user action
END
C1
C2
C3
C4
C5
C6
C7
S3

FIG. 8

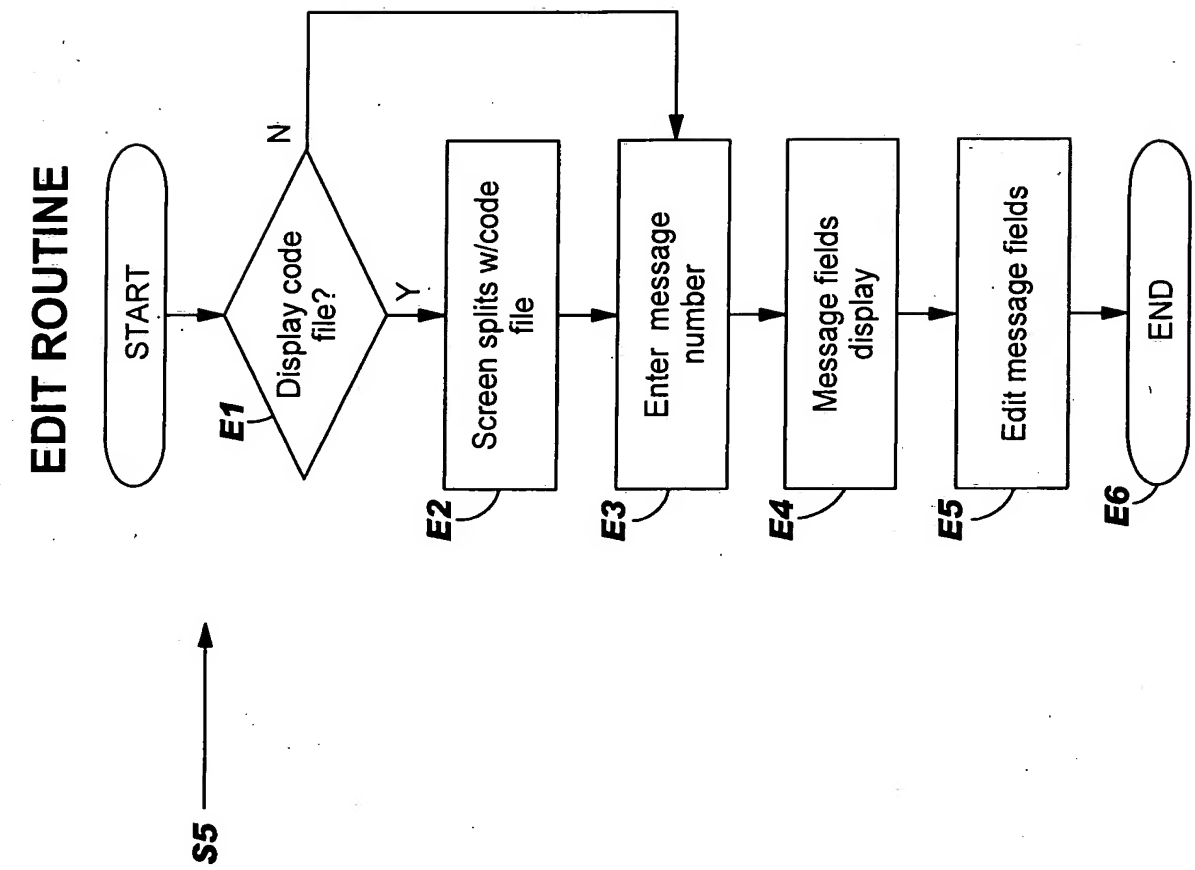
EDIT ROUTINE
START
Display code file?
N
Y
E1
Screen splits w/code file
E2
Enter message number
E3
Message fields display
E4
Edit message fields
E5
END
E6
S5

FIG. 9

DELETION ROUTINE

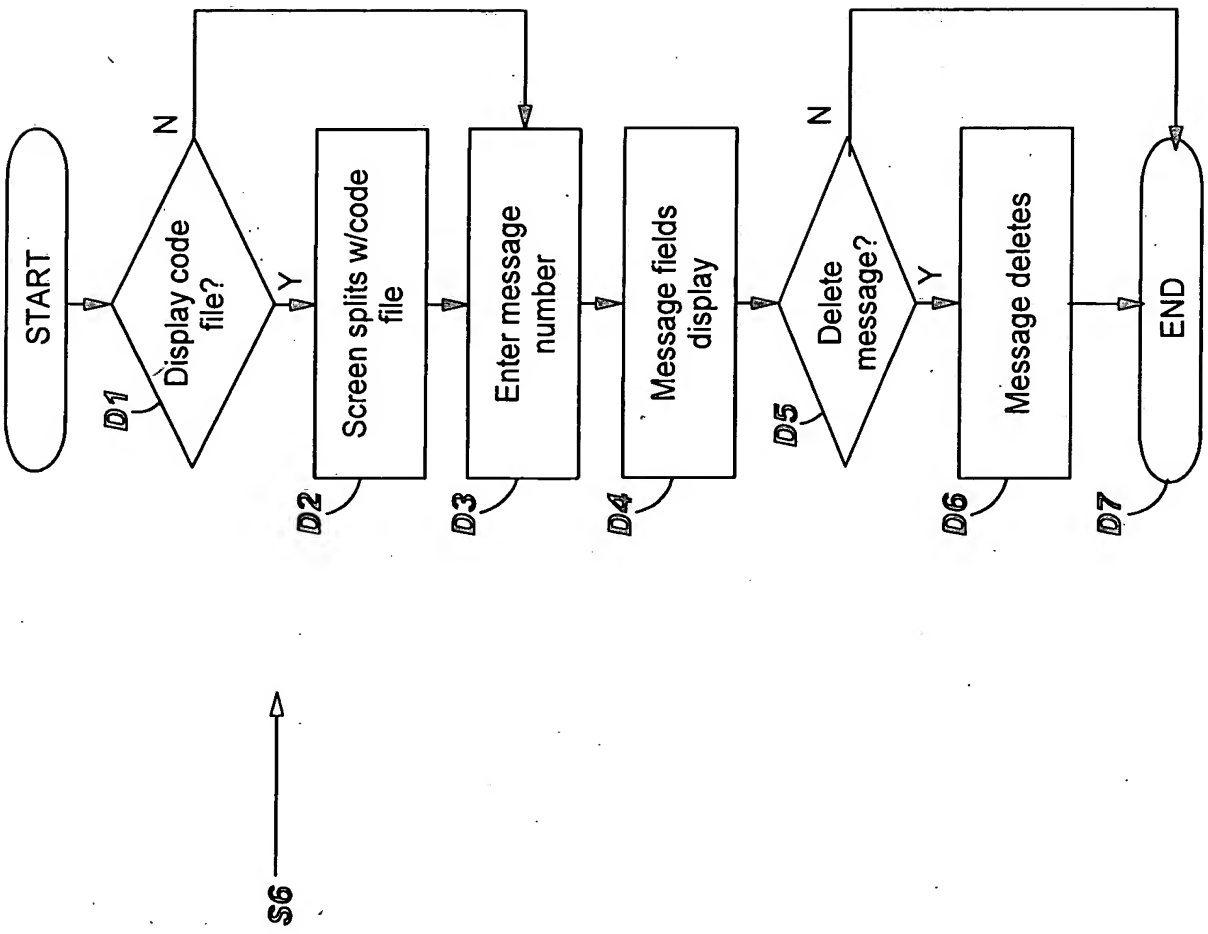
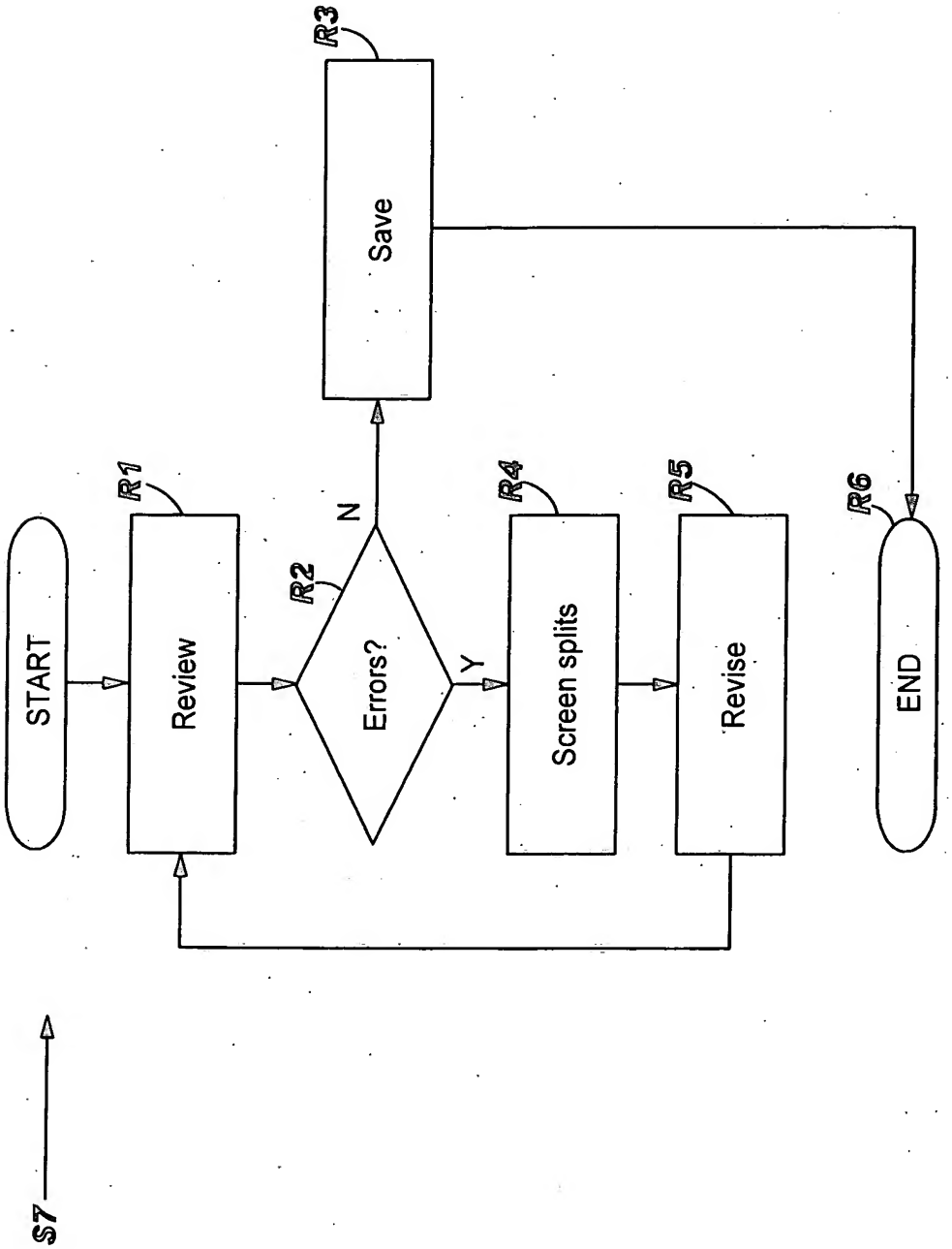
FIG. 10
REVIEW ROUTINE